

IN THE CLAIMS:

Please cancel claims 259-271, 273, 274, 278-284, 287-304, and 310 without prejudice or disclaimer of the subject matter.

Please amend claims 275-277, 285, and 286 as shown in the attached "Version with Markings to Show Changes Made." A clean copy of the amended claims is as follows:

2 --275. (Twice Amended) An optical lens system for refracting light passing through a lens comprising:

a lens having a first focal length; and,

an electro-active region coupled to the lens,

the electro-active region, when activated, altering the focal length of a first portion of the lens system above a 180 degree meridian of the lens to a second focal length, the second focal length different from the first focal length,

the electro-active region positioned to refract less than all of the light passing through the lens when the lens system is in use,

wherein the electro-active region is releasably attached to the lens.

3 276. (Twice Amended) An optical lens system for refracting light passing through a lens comprising:

a lens having a first focal length; and,

an electro-active region coupled to the lens,

the electro-active region, when activated, altering the focal length of a first portion of the lens system above a 180 degree meridian of the lens to a second focal length, the second focal length different from the first focal length,

the electro-active region positioned to refract less than all of the light passing through the lens when the lens system is in use,

wherein the lens system includes a polymer gel and a liquid crystal.

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4 ~~277~~. (Amended) An optical lens system for refracting light passing through a lens comprising:

a lens having a first focal length; and,

an electro-active region coupled to the lens,

the electro-active region, when activated, altering the focal length of a first portion of the lens system above a 180 degree meridian of the lens to a second focal length, the second focal length different from the first focal length,

the electro-active region positioned to refract less than all of the light passing through the lens when the lens system is in use,

wherein the electro-active region includes a metallic layer.

5 ~~285~~. (Twice Amended) An optical lens system for refracting light passing through a lens comprising:

a lens having a first focal length; and,

an electro-active region coupled to the lens,

the electro-active region, when activated, altering the focal length of a first portion of the lens system above a 180 degree meridian of the lens to a second focal length, the second focal length different from the first focal length,

the electro-active region positioned to refract less than all of the light passing through the lens when the lens system is in use,

wherein the lens is supported by a phoropter,

wherein the phoropter contains a plurality of fixed focal length lenses.

6 ~~286~~. (Twice Amended) The optical lens system of claim ~~285~~ wherein light passing through the phoropter passes through one of the lenses from the plurality of fixed focal length lenses and the electro-active-region.--

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